Enclosure 6
Intel Proposed Permit Language

Proposed Permit Conditions

Condition 2.C Emissions of Combustion Generated Pollutants

- Ammonia Treatment System
    - Only natural gas shall be fired by the ammonia treatment system

Condition 7 Testing

- Ammonia Treatment System
    - Intel shall conduct initial performance testing of the system for NOx and CO in accordance with NMAC 20.2.72.213
    - Intel shall also conduct initial testing for NH3
    - Testing of the system shall be conducted with an FTIR
    - The stack test shall consist of three one-hour runs, unless otherwise approved by the Department

Condition 8 Recordkeeping

- Ammonia Treatment System
    - Maintenance and operational logs for the ammonia treatment system
    - Air temperature, air flow, and air pressure
    - Annual sample of the catalytic material will be conducted per manufacturer's recommendations
    - Natural gas fuel flow and fuel heat content

Condition 9 Reporting

- 9.A.iii.c - the fuel usage in scf for the ammonia treatment system, each boiler and RTO, and the heat content of the natural gas in units of btu/scf
- 9.A.iii.g. the average total potential emissions of TAPs in pounds per hour calculated for the quarter based on usage or ~~the chemical bath~~ equation specified in Condition 6.B

Attachment A

Attachment A
Air Emission Sources

Source	Stack	Description
TBD*	TBD*	Ammonia Treatment System

*The source and stack ID have not yet been established and will be sent to NMED as part of the source start up notice.

Table CS

Table CS

Hourly Emission Limits for Combustion Sources

Sources	Stacks	Description	Fuel	TSP/ PM10 (lb/hr)	SO2 (lb/hr)	CO (lb/hr)	NOx (lb/hr)
TBD*	TBD*	Ammonia Treatment System	natural gas	0.05	0.002	1.0	1.0

*The source and stack ID have not yet been established and will be sent to NMED as part of the source start up notice.